

**PRESERVATION OF BIOMATERIALS WITH TRANSPORTED
PRESERVATION AGENTS**

5 ABSTRACT OF THE DISCLOSURE

Biomaterial are preserved by exposing them to a preservation agent having preservation properties. The biomaterial has at least one transporter that allows uptake of the preservation agent into the biomaterial for loading the biomaterial with the preservation agent to an intracellular concentration sufficient for preserving the

10 biomaterial. The preservation agent loaded biomaterial can then be prepared for storage, for example, by freezing, freeze drying, or drying.